

Vincent Moron

List of Publications by Year in descending order

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89
papers

4,072
citations

94433

37
h-index

123424

61
g-index

91
all docs

91
docs citations

91
times ranked

4231
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends, interdecadal and interannual oscillations in global sea-surface temperatures. <i>Climate Dynamics</i> , 1998, 14, 545-569.	3.8	245
2	Sahel droughts and Enso dynamics. <i>Geophysical Research Letters</i> , 1996, 23, 515-518.	4.0	236
3	Translating climate forecasts into agricultural terms: advances and challenges. <i>Climate Research</i> , 2006, 33, 27-41.	1.1	219
4	Interactions among ENSO, the Monsoon, and Diurnal Cycle in Rainfall Variability over Java, Indonesia. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 3509-3524.	1.7	141
5	The onset of the rainy season and farmers' sowing strategy for pearl millet cultivation in Southwest Niger. <i>Agricultural and Forest Meteorology</i> , 2011, 151, 1356-1369.	4.8	138
6	Increased likelihood of heat-induced large wildfires in the Mediterranean Basin. <i>Scientific Reports</i> , 2020, 10, 13790.	3.3	124
7	West African Monsoon Dynamics and Eastern Equatorial Atlantic and Pacific SST Anomalies (1970-88). <i>Journal of Climate</i> , 1998, 11, 1874-1882.	3.2	116
8	Extreme wildfire events are linked to global-change-type droughts in the northern Mediterranean. <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 847-856.	3.6	111
9	Components of rainy seasons' variability in Equatorial East Africa: onset, cessation, rainfall frequency and intensity. <i>Theoretical and Applied Climatology</i> , 2009, 98, 237-249.	2.8	109
10	Rainfall Anomaly Patterns and Wind Field Signals over West Africa in August (1958-1989). <i>Journal of Climate</i> , 1995, 8, 1503-1510.	3.2	100
11	ITCZ and ENSO-like pacing of Nile delta hydro-geomorphology during the Holocene. <i>Quaternary Science Reviews</i> , 2012, 45, 73-84.	3.0	100
12	Spatial Coherence of Tropical Rainfall at the Regional Scale. <i>Journal of Climate</i> , 2007, 20, 5244-5263.	3.2	95
13	Seasonal modulation of the El Niño-southern oscillation relationship with sea level pressure anomalies over the North Atlantic in October-March 1873-1996. <i>International Journal of Climatology</i> , 2003, 23, 143-155.	3.5	92
14	Spatial Coherence and Seasonal Predictability of Monsoon Onset over Indonesia. <i>Journal of Climate</i> , 2009, 22, 840-850.	3.2	89
15	Spatial Coherence of Monsoon Onset over Western and Central Sahel (1950-2000). <i>Journal of Climate</i> , 2009, 22, 1313-1324.	3.2	83
16	Diurnal Cycle in Different Weather Regimes and Rainfall Variability over Borneo Associated with ENSO. <i>Journal of Climate</i> , 2013, 26, 1772-1790.	3.2	78
17	Daily synoptic conditions associated with large fire occurrence in Mediterranean France: evidence for a wind-driven fire regime. <i>International Journal of Climatology</i> , 2017, 37, 524-533.	3.5	76
18	The impact of El Niño-southern oscillation upon weather regimes over Europe and the North Atlantic during boreal winter. <i>International Journal of Climatology</i> , 2003, 23, 363-379.	3.5	75

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19	Seasonal Predictability and Spatial Coherence of Rainfall Characteristics in the Tropical Setting of Senegal. <i>Monthly Weather Review</i> , 2006, 134, 3248-3262.	1.4	75
20	Rainfall variability in subequatorial America and Africa and relationships with the main sea-surface temperature modes (1951–1990). <i>International Journal of Climatology</i> , 1995, 15, 1297-1322.	3.5	71
21	Guinean and sahelian rainfall anomaly indices at annual and monthly scales (1933–1990). <i>International Journal of Climatology</i> , 1994, 14, 325-341.	3.5	70
22	Weather Types and Rainfall over Senegal. Part I: Observational Analysis. <i>Journal of Climate</i> , 2008, 21, 266-287.	3.2	65
23	Local versus regional-scale characteristics of monsoon onset and post-onset rainfall over Indonesia. <i>Climate Dynamics</i> , 2010, 34, 281-299.	3.8	65
24	Seasonal predictability of daily rainfall statistics over Indramayu district, Indonesia. <i>International Journal of Climatology</i> , 2009, 29, 1449-1462.	3.5	61
25	ENSO teleconnections with climate variability in the European and African sectors. <i>Weather</i> , 1998, 53, 287-295.	0.7	58
26	Evaluation of remotely sensed rainfall products over Central Africa. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2115-2138.	2.7	54
27	Variability of the impact of El Niño-southern oscillation on sea-level pressure anomalies over the North Atlantic in January to March (1874-1996). <i>International Journal of Climatology</i> , 2003, 23, 1549-1566.	3.5	53
28	Winter Weather Regimes in the Northeast United States. <i>Journal of Climate</i> , 2016, 29, 2963-2980.	3.2	53
29	Weather types across the Maritime Continent: from the diurnal cycle to interannual variations. <i>Frontiers in Environmental Science</i> , 2015, 2, .	3.3	52
30	Detection, variability, and predictability of monsoon onset and withdrawal dates: A review. <i>International Journal of Climatology</i> , 2020, 40, 641-667.	3.5	51
31	THE MARITIME CONTINENT MONSOON. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2011, , 85-98.	0.2	51
32	A synthesis of hourly and daily precipitation extremes in different climatic regions. <i>Weather and Climate Extremes</i> , 2019, 26, 100219.	4.1	50
33	Spatio-temporal variability and predictability of summer monsoon onset over the Philippines. <i>Climate Dynamics</i> , 2009, 33, 1159-1177.	3.8	48
34	Trends of mean temperatures and warm extremes in northern tropical Africa (1961–2014) from observed and PPCA-reconstructed time series. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 5298-5319.	3.3	48
35	Past dynamics of the Australian monsoon: precession, phase and links to the global monsoon concept. <i>Climate of the Past</i> , 2010, 6, 695-706.	3.4	46
36	Interannual variability of Indian summer monsoon rainfall onset date at local scale. <i>International Journal of Climatology</i> , 2014, 34, 1050-1061.	3.5	44

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37	Weather Types and Rainfall over Senegal. Part II: Downscaling of GCM Simulations. <i>Journal of Climate</i> , 2008, 21, 288-307.	3.2	39
38	Regional-Scale Rainy Season Onset Detection: A New Approach Based on Multivariate Analysis. <i>Journal of Climate</i> , 2013, 26, 8916-8928.	3.2	38
39	Characterization of Heat Waves in the Sahel and Associated Physical Mechanisms. <i>Journal of Climate</i> , 2017, 30, 3095-3115.	3.2	37
40	Impact of the modulated annual cycle and intraseasonal oscillation on daily-to-interannual rainfall variability across monsoonal India. <i>Climate Dynamics</i> , 2012, 38, 2409-2435.	3.8	35
41	Skill and reproducibility of seasonal rainfall patterns in the tropics in ECHAM-4 GCM simulations with prescribed SST. <i>Climate Dynamics</i> , 1998, 14, 83-100.	3.8	34
42	Variability of the Cold Season Climate in Central Asia. Part I: Weather Types and Their Tropical and Extratropical Drivers. <i>Journal of Climate</i> , 2018, 31, 7185-7207.	3.2	33
43	Sea surges around the Gulf of Lions and atmospheric conditions. <i>Global and Planetary Change</i> , 2008, 63, 203-214.	3.5	31
44	The light-deficient climates of western Central African evergreen forests. <i>Environmental Research Letters</i> , 2019, 14, 034007.	5.2	30
45	Trend, decadal and interannual variability in annual rainfall of subequatorial and tropical North Africa (1900â€“1994). <i>International Journal of Climatology</i> , 1997, 17, 785-805.	3.5	29
46	Understanding fire patterns and fire drivers for setting a sustainable management policy of the New-Caledonian biodiversity hotspot. <i>Forest Ecology and Management</i> , 2015, 337, 48-60.	3.2	28
47	Weather types across the Caribbean basin and their relationship with rainfall and sea surface temperature. <i>Climate Dynamics</i> , 2016, 47, 601-621.	3.8	26
48	On the spatial coherence of sub-seasonal to seasonal Indian rainfall anomalies. <i>Climate Dynamics</i> , 2017, 49, 3403-3423.	3.8	26
49	Extracting Subseasonal Scenarios: An Alternative Method to Analyze Seasonal Predictability of Regional-Scale Tropical Rainfall. <i>Journal of Climate</i> , 2013, 26, 2580-2600.	3.2	24
50	Simulation of West African monsoon circulation in four atmospheric general circulation models forced by prescribed sea surface temperature. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	21
51	Impact of atmospheric circulation on the rainfall-temperature relationship in Australia. <i>Environmental Research Letters</i> , 2020, 15, 094098.	5.2	21
52	Teleconnections between ENSO and North Atlantic in an ECHO-G simulation of the 1000â€“1990 period. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	20
53	Analysis of the diurnal cycles for a better understanding of the mean annual cycle of forests greenness in Central Africa. <i>Agricultural and Forest Meteorology</i> , 2016, 223, 81-94.	4.8	19
54	Downscaling of Seasonal Rainfall over the Philippines: Dynamical versus Statistical Approaches. <i>Monthly Weather Review</i> , 2012, 140, 1204-1218.	1.4	18

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55	Anomalously wet and dry rainy seasons in Equatorial East Africa and associated differences in intra-seasonal characteristics. <i>Climate Dynamics</i> , 2015, 45, 2101-2121.	3.8	18
56	Hydro-climatology of the Lower Rhône Valley: historical flood reconstruction (AD 1300–2000) based on documentary and instrumental sources. <i>Hydrological Sciences Journal</i> , 2017, 62, 1772-1795.	2.6	18
57	L'Évolution séculaire des températures de surface de la mer Méditerranée (1856–2000). <i>Comptes Rendus - Geoscience</i> , 2003, 335, 721-727.	1.2	16
58	Recent changes in the atmospheric circulation patterns during the dry-to-wet transition season in south tropical South America (1979-2020): Impacts on precipitation and fire season. <i>Journal of Climate</i> , 2021, , 1-56.	3.2	16
59	Skill of Sahel rainfall variability in four atmospheric GCMs forced by prescribed SST. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	4.0	15
60	Weather Types and Hourly to Multiday Rainfall Characteristics in Tropical Australia. <i>Journal of Climate</i> , 2019, 32, 3983-4011.	3.2	15
61	Observed and SST-forced seasonal rainfall variability across tropical America. <i>International Journal of Climatology</i> , 2001, 21, 1467-1501.	3.5	14
62	Influence of the warm pool and cold tongue El Niño on the following Caribbean rainy season rainfall. <i>Climate Dynamics</i> , 2014, 42, 919-929.	3.8	14
63	Relationships between MODIS and ATSR fires and atmospheric variability in New Caledonia (SW) Tj ETQq1 1 0.784314 rgBT /Overlock 3.3 13	3.3	13
64	Cropping System Dynamics, Climate Variability, and Seed Losses among East African Smallholder Farmers: A Retrospective Survey. <i>Weather, Climate, and Society</i> , 2014, 6, 354-370.	1.1	13
65	Interannual and intra-annual variability of rainfall in Haiti (1905–2005). <i>Climate Dynamics</i> , 2015, 45, 915-932.	3.8	13
66	Confronting Farmers' Perceptions of Climatic Vulnerability with Observed Relationships between Yields and Climate Variability in Central Argentina. <i>Weather, Climate, and Society</i> , 2015, 7, 39-59.	1.1	13
67	Daily Weather Types in February–June (1979–2016) and Temperature Variations in Tropical North Africa. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 1171-1195.	1.5	13
68	Variability of the Cold Season Climate in Central Asia. Part II: Hydroclimatic Predictability. <i>Journal of Climate</i> , 2019, 32, 6015-6033.	3.2	13
69	Variability of the African convection centre as viewed by outgoing longwave radiation records and relationships with sea-surface temperature patterns. <i>International Journal of Climatology</i> , 1995, 15, 25-34.	3.5	12
70	Seasonal to decadal modulation of the impact of El Niño-Southern Oscillation on New Caledonia (SW) Tj ETQq0 0,0,rgBT /Overlock 3.3 12	3.3	12
71	Potential stabilizing points to mitigate tipping point interactions in Earth's climate. <i>International Journal of Climatology</i> , 2017, 37, 399-408.	3.5	12
72	Tropical rainfall subseasonal-to-seasonal predictability types. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	6.8	12

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73	Seasonal atmospheric transitions in the Caribbean basin and Central America. <i>Climate Dynamics</i> , 2020, 55, 1809-1828.	3.8	11
74	Subseasonal-to-interannual variability of rainfall over New Caledonia (SW Pacific). <i>Climate Dynamics</i> , 2016, 46, 2449-2468.	3.8	8
75	Global equatorial variability of 850 and 200 hPa zonal winds from rawinsondes between 1963 and 1989. <i>Geophysical Research Letters</i> , 1995, 22, 1701-1704.	4.0	7
76	Storm types in India: linking rainfall duration, spatial extent and intensity. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200137.	3.4	7
77	Ethnographic context and spatial coherence of climate indicators for farming communities – A multi-regional comparative assessment. <i>Climate Risk Management</i> , 2015, 8, 28-46.	3.2	6
78	Editorial: Sub-seasonal to Seasonal Predictability and Prediction of Monsoon Climates. <i>Frontiers in Environmental Science</i> , 2018, 6, .	3.3	6
79	Prediction of September–December Fire in New Caledonia (Southwestern Pacific) Using July Ni±o-4 Sea Surface Temperature Index. <i>Journal of Applied Meteorology and Climatology</i> , 2013, 52, 623-633.	1.5	5
80	Weather Within Climate: Sub-seasonal Predictability of Tropical Daily Rainfall Characteristics. , 2019, , 47-64.		5
81	Global atmospheric response to specific linear combinations of the main SST modes.. <i>Annales Geophysicae</i> , 1996, 14, 1066.	1.6	5
82	Relationships between subseasonal–seasonal predictability and spatial scales in tropical rainfall. <i>International Journal of Climatology</i> , 2021, 41, 5596.	3.5	3
83	Variabilit� intra-saisonnire et multi-d�cennale de la t�l�connexion entre les pressions de surface (100�W�50�EA; 30��70�N) et les ENSO/LNSO (1873�1996). <i>Comptes Rendus De L'Acad�mie Des Sciences Earth & Planetary Sciences S�rie II, Sciences De La Terre Et Des Plan�tes</i> =, 2000, 331, 633-640.		2
84	A semi-objective circulation pattern classification scheme for the semi-arid Northeast Brazil. <i>International Journal of Climatology</i> , 2021, 41, 51-72.	3.5	2
85	Correction to ‘‘Relationships between MODIS and ATSR fires and atmospheric variability in New Caledonia (SW Pacific)’. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	1
86	R�ponse � Marcel Leroux. <i>La M�t�orologie</i> , 1999, 8, 51.	0.5	0
87	Analyse multivari�e de la r�ponse atmosph�rique simul�e aux temp�ratures de surface oc�anique (1961�1994). <i>Comptes Rendus De L'Acad�mie Des Sciences Earth & Planetary Sciences S�rie II, Sciences De La Terre Et Des Plan�tes</i> =, 1999, 328, 641-648.		0
88	Configurations atmosph�riques de vastes �chelles spatiales et variabilit� des surcotes dans le Golfe du Lion. <i>CyberGeo</i> , 0, , .	0.0	0
89	Les interactions d�chelle au sein du systeme climatique : l�exemple de l�impact des phases chaudes de l�El Ni�o Oscillation Australe en Indonesie. <i>Climatologie</i> , 2011, 8, 43-57.	0.2	0